Nimodipine

Ca^{2+} channel inhibitor

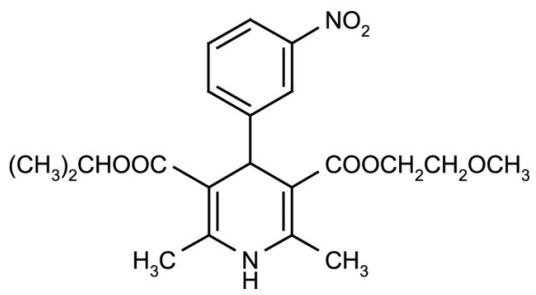
Ca^{2+} channel antagonist. Highly potent at L-type channels. Block some low-voltage activated Ca^{2+} channels. Enhances memory in old or brain-damaged animals. Ameliorates experimental diabetic neuropathy in streptozotocin-induced diabetic rats. Vasodilator.

Citations: 9 View Online »

Ordering Information Order Online »

ALX-550-277-G001	1g

Manuals, SDS & CofA View Online »


NO2
(CH3)2CHOOC
COOCH2CH2OCH3
H3C
N
H
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1,4-Dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylic acid 2-methoxyethyl-1-methylethyl ester
Appearance	Yellowish crystalline powder.
CAS	66085-59-4
Couple Target	Calcium channel
Couple Type	Inhibitor
Formula	$C_{21}H_{26}N_2O_7$
MI	**14:** 6551
MW	418.4
Purity	≥99% (Assay)
Solubility	Soluble in DMSO (25mg/ml) or methanol.

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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